Electronic Acknowledgement Receipt				
EFS ID:	2028493			
Application Number:	10788718			
International Application Number:				
Confirmation Number:	6787			
Title of Invention:	APPARATUS HAVING A CACHE AND A LOOP BUFFER			
First Named Inventor/Applicant Name:	Lawrence A. Booth			
Customer Number:	67861			
Filer:	Kenneth J. Cool			
Filer Authorized By:				
Attorney Docket Number:	P8451C			
Receipt Date:	31-JUL-2007			
Filing Date:	27-FEB-2004			
Time Stamp:	11:27:47			
Application Type:	Utility under 35 USC 111(a)			

Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$1700
RAM confirmation Number	6127
Deposit Account	504238

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1 Issue Fee Payment (PTO-85B)	Issue Fee Payment (PTO-85R)	P8451C_issue_fee_payment	107941	no	1
	.pdf	5fb33124197b15b0f6ed5de9c2d476bd e401f5c6	110	'	
Warnings:					
Information					
2 Fee Worksheet (PTO-06)	fee-info.pdf	8276	- no	2	
		9425be3afb678c47ef24c8292fd5885cf 22dd9ab			
Warnings:					
Information					
		Total Files Size (in bytes)	116217		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.